

## EAST Search History

/PB/

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	27	("20030143912"   "20040053551"   "20050269736"   "20060260736"   "4041203"   "4381326"   "4878825"   "5098764"   "5678379"   "6903034"   "6942711").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L2	4	L1 and spunbond\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L3	2	"5549777".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L4	50	("3043738"   "3077882"   "3081515"   "3165432"   "3190781"   "3331728"   "3421964"   "3523149"   "3878014"   "3911186"   "3929135"   "3945386"   "3965906"   "3967623"   "3987792"   "3994299"   "4077410"   "4323069"   "4342314"   "4609518"   "4619724"   "4695422"   "4726976"   "4741877"   "4781962"   "4797246"   "4995930"   "5171238"   "5173351"   "5282915"   "5368910").PN. OR ("5549777").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L5	18	("2714571"   "2897109"   "3058863").PN. OR ("5282915").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L6	33	("2897109").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L7	368	264/171.13.ccls.	USPAT	OR	OFF	2008/03/17 08:50
L8	649	264/171.13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50

L9	13	L8 and spunbond\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L10	0	L8 and spinbond\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L11	7765	156/166-181.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L12	0	L10 and spunbond\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L13	0	L10 and spun adj bond\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L14	331	L11 and (spun adj bond\$3 or spunbond\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L15	18	L8 and (spun adj bond\$3 or spunbond\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L16	27	("20030143912"   "20040053551"   "20050269736"   "20060260736"   "4041203"   "4381326"   "4878825"   "5098764"   "5678379"   "6903034"   "6942711").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L17	18	(4714647 4657802 5188885  3940302 5385775 4789699  4939016 4749423).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50

L18	8	(4714647 4657802 5188885 3940302 5385775 4789699 4939016 4749423).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L19	0	L18 and vacuum near3 roller	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L20	6	L18 and vacuum	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L21	0	L18 and vacuum with roller	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L22	1	L18 and vacuum with roller	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L23	971	156/167.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L24	2946	156/178-181.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L25	649	264/171.13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L26	4005	L25 or L23 or L24	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L27	3875	vacuum near3 roller	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L28	3875	vacuum near3 roller and vacuum with roller	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L29	79	L28 and spunbond\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L30	60	L28 and spun adj bond\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L31	128	L28 and (spunbond\$3 or spun adj bond\$3 or melt adj blow\$3 or meltblow\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L32	0	("6649547" "6139941" "5733822" "4668566").ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L33	4	("6649547" "6139941" "5733822" "4668566").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L34	24105	hollow with roller	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L35	0	L34 and L18	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L36	0	L34 and L33	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L37	23	L34 and L26	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L38	338	hollow with vacuum with roller	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L39	0	L38 and L26	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50

L40	86	vacuum near3 (roller near3 box)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L41	0	L18 and suction with roller	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L42	0	L33 and suction with roller	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L43	15	L26 and suction with roller	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L44	11	("20030143912"   "20040053551"   "20050269736"   "20060260736"   "4041203"   "4381326"   "4878825"   "5098764"   "5678379"   "6903034"   "6942711").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L45	48	("20020025753"   "20030211801"   "3485706"   "3494821"   "3560326"   "3692618"   "4107374"   "4476186"   "4560385"   "4668566"   "4774110"   "4808467"   "4818594"   "4970104"   "4997611"   "5023130"   "5098764"   "5142750"   "5142753"   "5151320"   "5192600"   "5244711"   "5288348"   "5290626"   "5355565"   "5369858"   "5470640"   "5482772"   "5573841"   "5587225"   "5623888"   "5635290"   "5674587"   "5674591"   "5736219"   "5840633"   "5858017"   "5888916"   "5899785"   "5970583"   "6200669"   "6306234"   "6321425"   "6430788").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L46	240	("1786669"   "2121802"   "2188332"   "2331945"   "2336743"   "2336745"   "2411660"   "2437263"   "2456922"   "2508462"   "2522527"   "2604667"   "2620853"   "2644779"   "2688380"   "2810426"   "2825120"   "2861319"   "2945739"   "3028623"   "3063454"   "3109220"   "3109278"   "3117906"   "3154836"   "3164949"   "3219739"   "3266969"   "3297807"   "3303169"   "3314840"   "3322607"   "3360421"   "3366722"   "3379811"   "3396071"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50

		"3402548"   "3420235"   "3441468"   "3492389"   "3502763"   "3508390"   "3509009"   "3528129"   "3533904"   "3547763"   "3554854"   "3630816"   "3692618"   "3758373"   "3837995"   "3841953"   "3855045"   "3855046"   "3949127"   "3966519"   "3968307"   "4013816"   "4039711"   "4041203"   "4041689"   "4054709"   "4078124"   "4085175"   "4091140"   "4100319"   "4107364"   "4211816"   "4287251"   "4304234"   "4315965"   "4333979"   "4340563"   "4350006"   "4363845"   "4379192"   "4405297"   "4434204"   "4436780"   "4469734"   "4519798"   "4537822"   "4598000"   "4605454"   "Re31599").PN. OR ("4668566").URPN.				
L47	33	("3441468").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L48	2	("5456876").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L49	464	("3502763").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L50	737	("3849241").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L51	58	("3949130").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L55	294	("2206761"   "2266761"   "2357392"   "2464301"   "2483405"   "2957512"   "2957852"   "3186893"   "3338992"   "3341394"   "3371668"   "3391048"   "3439085"   "3449187"   "3468748"   "3502538"   "3502763"   "3542615"   "3575782"   "3616129"   "3629047"   "3669823"   "3673026"   "3676242"   "3689342"   "3692618"   "3752613"   "3773590"   "3802817"   "3806289"   "3836416"   "3849241"   "3890184"   "3912567"   "3917448"   "3949130"   "3978185"   "4013816"   "4090385"   "4107364"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50

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L56	698	(L46 or L49)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L57	5	L56 and L27	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L58	7987	(vacuum or suction) near3 roller	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L59	5	L56 and L58	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L60	2	("3849241" "3502763").pn.	USPAT	OR	OFF	2008/03/17 08:50
L61	8	("3849241" "3502763").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L62	464	("3502763").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L63	12	L18 or L33	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/17 08:50
L64	2	L63 and cylinder	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L65	15	L24 and (suction or vacuum) near3 (cylinder or roller)	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L66	3	("4593706").URPN.	USPAT	OR	OFF	2008/03/17 08:50
L67	649	264/171.13.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L68	1717925	@pd>="20070601"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L69	11	L67 and L68	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/17 08:50
L70	1	"5385775".pn.	USPAT	OR	ON	2008/03/17 08:50
L71	1	pattern\$3 and L70	USPAT	OR	ON	2008/03/17 08:50
L72	1	foraminous and L70	USPAT	OR	ON	2008/03/17 08:50



L73	103	("3371668"   "3468748"   "3575782"   "3940302"   "4426420"   "4522863"   "4552795"   "4606964"   "4652487"   "4657802"   "4680213"   "4720415"   "4781966"   "4801482"   "4863779"   "4879170"   "4891957"   "4910064"   "4939016"   "4970104"   "4977011"   "4981747"   "4984584"   "5200246").PN. OR ("5385775").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/17 08:50
L74	18	foraminous and L73	USPAT	OR	ON	2008/03/17 08:50
L75	77	pattern\$3 and L73	USPAT	OR	ON	2008/03/17 08:50
L76	1	"5549777".pn.	USPAT	OR	ON	2008/03/17 08:50
L77	11	("5549777").URPN.	USPAT	OR	ON	2008/03/17 08:50

3/17/2008 9:22:35 AM

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